

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended): A method of assigning time slots ~~in-a-spread spectrum time division duplex (TDD) communication system~~, the method comprising:

(a) assigning a first time slot to a ~~first particular wireless transmit/receive unit (WTRU)~~ communication station;

(b) ~~a second communication station~~ determining a slot assignment rank for the ~~first communication station~~ particular WTRU by comparing a first combined score generated based on a sum of weighted signal interference, code usage and channel spread values associated with the particular WTRU ~~first communication station~~ to other combined scores associated with other respective WTRUs ~~communication stations~~; and

(c) ~~the second communication station~~ assigning a second time slot to the ~~first communication station~~ particular WTRU based on the slot assignment rank.

Claims 2-14 (canceled)

15. (currently amended): ~~A base In-a-spread spectrum time division duplex (TDD) communication system, a base station (BS) for assigning time slots,~~ the base station comprising:

(a) a plurality of multipliers configured to weight signal interference, code usage and channel spread values associated with a ~~first communication station~~

particular wireless transmit/receive unit (WTRU) currently assigned to a first time slot;

(b) a summer configured to add the weighted values to generate a first combined score associated with the particular WTRU first communication station;

(e) a slot ranking device configured to determine a slot assignment rank for the particular WTRU first communication station by comparing the first combined score to other combined scores associated with other respective WTRUs communication stations; and

(d) a slot prioritizer for assigning a second time slot to the particular WTRU first communication station based on the slot assignment rank.

Claims 16 and 17 (canceled)

18. (currently amended): A wireless In a spread spectrum time division duplex (TDD) communication system, a wireless transmit/receive unit (WTRU) for assigning time slots, the WTRU comprising:

(a) a plurality of multipliers configured to weight signal interference, code usage and channel spread values associated with a first communication station currently assigned to a first time slot;

(b) a summer configured to add the weighted values to generate a first combined score associated with the first communication station;

(e) a slot ranking device configured to determine a slot assignment rank for the first communication station by comparing the first combined score to other combined scores associated with other respective communication stations; and

(d) a slot prioritizer for assigning a second time slot to the first communication station based on the slot assignment rank.

Claims 19 and 20 (canceled)

21. (currently amended): An integrated circuit (IC) for assigning time slots ~~in a spread spectrum time division duplex (TDD) communication system~~, the IC comprising:

- (a) a plurality of multipliers configured to weight signal interference, code usage and channel spread values associated with a first communication station currently assigned to a first time slot;
- (b) a summer configured to add the weighted values to generate a first combined score associated with the first communication station;
- (c) a slot ranking device configured to determine a slot assignment rank for the first communication station by comparing the first combined score to other combined scores associated with other respective communication stations; and
- (d) a slot prioritizer for assigning a second time slot to the first communication station based on the slot assignment rank.

Claims 22 and 23 (canceled)